

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A metallocene compound represented by the following general formula (1):



wherein

M represents a titanium atom, a zirconium atom or a hafnium atom;

Y represents a linking group bridging K and L and is a methylene group, an ethylene group, a tetraalkylethylene group having alkyl of 1-6 carbon atoms, a dialkylmethylene group having alkyl of 1-6 carbon atoms, a divalent linking group containing within a backbone thereof, an aryl group of 6-16 carbon atoms or a halogenated aryl group of 6-16 carbon atoms, or a divalent linking group containing a silicon atom, a germanium atom, an oxygen atom, a nitrogen atom, a phosphorous atom or a boron atom, or alternatively,

Y represents a divalent linking group formed by connecting in series at least two linking groups selected from the foregoing linking groups;

q is an integer representing the number of Y and is $[[0,]]$ 1 $[[\text{or } 2]]$;

~~L represents a ligand having a conjugated 5-membered ring skeleton that is coordinated to M;~~

~~K may be the same as or different from L and represents a ligand having a conjugated 5-membered ring skeleton that is coordinated to M, or alternatively, when q is 1, K may be NH (N represents a nitrogen atom and H represents a hydrogen atom) or may be PH (P represents a phosphorous atom and H represents a hydrogen atom);~~ K and L each represent an indenyl group, wherein

at least one hydrogen atom of the hydrogen atoms possessed by K or by L is each independently replaced by an alkyl group of 1-10 carbon atoms, a halogen-containing alkyl

group of 1-10 carbon atoms, a silicon-containing alkyl group of 1-10 carbon atoms, an aryl group of 6-16 carbon atoms, a halogen-containing aryl group of 6-16 carbon atoms, an alkenyl group of 2-10 carbon atoms, an arylalkyl group of 7-40 carbon atoms, an alkylaryl group of 7-40 carbon atoms, an alicyclic hydrocarbon group of 3-16 carbon atoms, a siloxyl group, an alkoxyl group, a halogen atom, an amino group, a dialkyl-substituted amino group, ~~a heterocyclic group~~, a SR^a group (S represents a sulfur atom and R^a represents a halogen atom, an alkyl group of 1-10 carbon atoms or an aryl group of 6-16 carbon atoms), or a PR^b_2 group (P represents a phosphorous atom; and two R^b 's may be the same or different and each represents a halogen atom, an alkyl group of 1-10 carbon atoms or an aryl group of 6-16 carbon atoms), with the proviso that ~~when each of K and L represents a ligand having a conjugated 5-membered ring skeleton, at least one substituent having replaced the hydrogen in either of the ligands does not exist at the corresponding position of the other ligand at~~ least the substituents at the 2-positions of K and L differ from each other; and the difference between the numbers of carbon atoms in the two substituents is in the range of from 3 to 10; and

two Xs may be the same or different and each represents a halogen atom, an alkyl group of 1-6 carbon atoms, an aryl group of 6-16 carbon atoms, an alkylaryl group having alkyl of 1-6 carbon atoms and aryl of 6-16 carbon atoms, or an arylalkyl group having aryl of 6-16 carbon atoms and alkyl of 1-6 carbon atoms, which atom or group is bonded to M_2

~~provided that dimethylsilylene(2-methyl-benzoindenyl)(2-methyl-4-(2-furyl)-indenyl)zirconium dichloride and dimethylsilylene(2-methyl-4-phenylindenyl)(2-methyl-4-(2-furfuryl)-indenyl)zirconium dichloride are excluded.~~

Claim 2 (Canceled).

Claim 3 (Currently Amended): The metallocene compound according to claim 1, wherein ~~in the general formula (1) according to claim 1, each of K and L represents a ligand having a conjugated 5-membered ring skeleton; q is 1; at least the substituents at the 2-positions of K and L differ from each other, and at least one of said substituents~~ at the 2-positions of K and L is an aryl group of 6-16 carbon atoms, a halogen-containing aryl group of 6-16 carbon atoms, an alkylaryl group of 7-40 carbon atoms, or an alicyclic hydrocarbon group of 3-16 carbon atoms ~~or a heterocyclic group~~.

Claims 4-32 (Canceled).

DISCUSSION OF THE AMENDMENT

Claim 1 has been amended by incorporating the subject matter of Claim 4 therein, except that heterocyclic group has been omitted from the Markush group of hydrogen atoms replaced in K or L, and K and L are each limited to an indenyl group, as supported by original Claim 10. In addition, the exclusion proviso at the end of original Claim 1 has been deleted since it is now moot. Claim 3 has been amended to be consistent with the above-discussed amendment to Claim 1. The remaining claims have been canceled.

No new matter is believed to have been added by the above amendment. Claims 1 and 3 are now pending in the application.